

## Healthy People 2010 Operational Definition

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### **15-21. Increase the proportion of motorcyclists using helmets.**

<b>National Data Source</b>	National Occupant Protection Use Survey (NOPUS), Department of Transportation (DOT).
<b>State Data Source</b>	Not identified.
<b>Healthy People 2000 Objective</b>	9.13 (Unintentional Injuries).
<b>Changes since the 2000 Publication</b>	Revised baseline (see Comments). Revised baseline year (see Comments). Revised target (see Comments).
<b>Measure</b>	Percent.
<b>Baseline (Year)</b>	58 (2002)
<b>Target</b>	68
<b>Target-Setting Method</b>	18 percent improvement.  For a discussion of target-setting method, see Part A, section 4.
<b>Numerator</b>	Number of motorcycle operators and passengers observed wearing helmets.
<b>Denominator</b>	Number of motorcycle operators and passengers observed.
<b>Population Targeted</b>	Motorcycle operators and passengers.
<b>Questions Used To Obtain the National Baseline Data</b>	Not applicable.
<b>Expected Periodicity</b>	Biennial.
<b>Comments</b>	<p>NOPUS uses observational data collected at intersections, highway ramps, and parking lots. Four observers (each responsible for a different seat in cars, two observers for motorcycles) report occupant helmet use.</p> <p>The original baseline of 67 percent of motorcycle operators and passengers was revised to 58 percent due to the change in the baseline year from 1998 to 2002. Standard errors to evaluate the</p>

significance of the trend across the decade were first available for 2002 data. The target was proportionally adjusted from 79 percent of motorcycle operators and passengers to 68 percent of motorcycle operators and passengers to reflect the revised baseline using the original target-setting method.

The data for students in grades 9 through 12 come from the Youth Risk Behavior Surveillance System (YRBSS), CDC, NCCDPHP (see Part C for a discussion of YRBSS). The numerator for that measure is the number of students in grades 9 through 12 who report that they sometimes, most of the time, or always wore a helmet when riding a motorcycle. The denominator is the number of students in grades 9 through 12 who report that they rode a motorcycle at least once in the past 12 months. The questions from the 1999 Youth Risk Behavior Survey are:

- *During the past 12 months, how many times did you ride a motorcycle?*
  - 0 times*
  - 1 to 10 times*
  - 11 to 20 times*
  - 21 to 39 times*
  - 40 or more times*
  
- *When you rode a motorcycle during the past 12 months, how often did you wear a helmet?*
  - I did not ride a motorcycle during the past 12 months*
  - Never wore a helmet*
  - Rarely wore a helmet*
  - Sometimes wore a helmet*
  - Most of the time wore a helmet*
  - Always wore a helmet*

This objective tracks the same measure as one measured by Healthy People 2000 objective 9.13

See Appendix A for focus area contact information.